

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	5265	chlorine near5 concentration	US-PGPUB; USPAT	OR	ON	2006/02/13 11:21
L5	5	4 and (SiOC same carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 11:10
L6	149	4 and "insulating film"	US-PGPUB; USPAT	OR	ON	2006/02/13 11:10
L7	0	6 and (SiOC same carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 11:14
L8	0	6 and (SiOC same "doped carbon")	US-PGPUB; USPAT	OR	ON	2006/02/13 11:14
L9	2	("insulating film" near10 carbon near10 ("silicon nitride" or SiOC) near10 chlorine)	US-PGPUB; USPAT	OR	ON	2006/02/13 11:22
S1	854	257/384	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:27
S2	176	S1 and ((ti or titanium) with (ni or nickel))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:27
S3	136	S1 and ((ti or titanium) adj5 (ni or nickel))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 12:28
S4	3960	((257/640,642,649,651) or (438/761, 763,778,780,781,783,786,791,793, 794)).CCLS.	USPAT; USOCR	OR	OFF	2005/09/09 12:29
S5	2094	S4 and (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4"))	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S6	756179	"6" and carbon	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S7	600	S5 and carbon	US-PGPUB; USPAT	OR	ON	2005/09/09 12:30
S8	593	S7 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/09 12:31
S9	109	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 10:02
S11	205	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:20
S12	3	((("6271594") or ("5866920") or ("6333547")).PN.	USPAT; USOCR	OR	OFF	2005/09/09 12:35

S13	3780	S4 and insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:55
S14	109	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) same carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:20
S15	110	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) same carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:09
S17	0	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:56
S18	11	S4 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon)	US-PGPUB; USPAT	OR	ON	2005/09/09 14:56
S19	0	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:10
S20	370	S4 and "insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) containing carbon)	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:13
S21	0	S4 and "insulating film containing carbon" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:13
S22	110	S4 and "carbon" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:22
S23	2172	S4 and (carbon adj doped (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:23
S24	2172	S4 and ("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:23
S25	2060077	S4 and insulating film("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:24

S26	387342	S4 and "insulating film"("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:24
S27	158	S4 and "insulating film" adj5 ("carbon doped" (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:28
S28	2	S4 and ("carbon doped" near (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")))	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	ON	2005/09/09 15:28
S29	99	"metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 15:59
S30	1	"metal silicide" with "metal stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 15:59
S31	99	"metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 11:21
S32	0	"metal on metal" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/09 16:02
S33	17	"metal stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:36
S34	1	"metal silicide layer" with "multiple-layered structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:10
S35	312	(SiN and carbon) with (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:38
S36	5	(SiN and carbon) adj4 (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:39
S37	518	(SiN with containing carbon) adj4 (insulating with (film or layer))	US-PGPUB; USPAT	OR	ON	2005/09/12 10:49
S38	10	"silicon carbon nitride film"	US-PGPUB; USPAT	OR	ON	2005/09/12 10:55
S39	1442639	insulating layer	US-PGPUB; USPAT	OR	ON	2005/09/12 12:27
S40	587	S39 and sicn	US-PGPUB; USPAT	OR	ON	2005/09/12 10:56
S41	3962	((257/640,642,649,651) or (438/761, 763,778,780,781,783,786,791,793, 794)).CCLS.	USPAT; USOCR	OR	OFF	2005/09/12 11:05
S42	109	S41 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2005/09/12 11:09
S43	106	S42 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 11:10
S44	1	S43 and (carbon-doped with SiN)	US-PGPUB; USPAT	OR	ON	2006/02/13 09:53

S45	126	S41 and (SiCN or (SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2005/09/12 11:10
S46	122	S45 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 12:08
S47	2	S41 and "metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 11:22
S48	1	S41 and "metal stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 11:22
S49	99	"metal silicide" with "stacked structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 13:39
S50	87	S49 and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 11:23
S51	3	(SiCN with chlorine) and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 12:14
S52	23	(SiCN with hydrogen) and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/12 12:14
S53	1042941	insulating film	US-PGPUB; USPAT	OR	ON	2005/09/12 12:27
S54	52933	insulating adj film	US-PGPUB; USPAT	OR	ON	2005/09/12 12:27
S55	10672	S54 and carbon	US-PGPUB; USPAT	OR	ON	2005/09/12 12:27
S56	6408	S55 and (chlorine or hydrogen)	US-PGPUB; USPAT	OR	ON	2005/09/12 12:28
S57	284	S55 and (concentration adj (chlorine or hydrogen))	US-PGPUB; USPAT	OR	ON	2005/09/12 13:08
S58	2637418	(SiCN containing (H or hydrogen))	US-PGPUB; USPAT	OR	ON	2005/09/12 13:09
S59	115	(SiCN same (H or hydrogen))	US-PGPUB; USPAT	OR	ON	2005/09/12 13:26
S60	2	(SiCN same (H or hydrogen)with concentration)	US-PGPUB; USPAT	OR	ON	2005/09/12 13:09
S61	831080	SiCNH film	US-PGPUB; USPAT	OR	ON	2005/09/12 13:27
S62	2345384	Insulating film contains SiCNH	US-PGPUB; USPAT	OR	ON	2005/09/12 13:27
S63	3	"Insulating film" with SiCNH	US-PGPUB; USPAT	OR	ON	2005/09/13 12:23
S64	0	"stacked metal silicide structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 13:39
S65	2	"stacked metal layer structure"	US-PGPUB; USPAT	OR	ON	2005/09/12 15:31

S66	76	"Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with (H or hydrogen) with (C or carbon))	US-PGPUB; USPAT	OR	ON	2005/09/13 12:28
S67	0	"Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with (H or hydrogen) with (C or carbon) with (Cl or chlorine))	US-PGPUB; USPAT	OR	ON	2005/09/13 12:26
S68	64	("Insulating film" with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with (H or hydrogen) with (C or carbon))) and (@ad<"20030805" or @rlad<"20030805")	US-PGPUB; USPAT	OR	ON	2005/09/13 13:12
S69	4	("Insulating film" with ((SiCN with (H or hydrogen))) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 13:14
S70	33	((SiCN with (H or hydrogen)) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:31
S71	1	"20050009320"	US-PGPUB; USPAT	OR	ON	2005/09/13 13:32
S72	16	((SiCNH) and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:57
S73	120	((SiN) with carbon with hydrogen and (@ad<"20030805" or @rlad<"20030805"))	US-PGPUB; USPAT	OR	ON	2005/09/13 14:57
S74	1	((("6049092") or ("20020024119")).PN.	USPAT; USOCR	OR	OFF	2005/09/14 09:17
S75	0	("20020024119").PN.	USPAT; USOCR	OR	OFF	2005/09/14 09:18
S76	1	"20020024119"	US-PGPUB; USPAT	OR	ON	2005/09/14 09:18
S77	0	(carbon-doped with SiN) with chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 09:53
S78	24	(carbon-doped with SiN)	US-PGPUB; USPAT	OR	ON	2006/02/13 09:56
S79	1256	((carbon-doped with SiN) or "SiOC")	US-PGPUB; USPAT	OR	ON	2006/02/13 09:59
S80	158	S79 and chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 09:58
S81	11	S78 and chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 09:57
S82	8	((carbon-doped with SiN) or "SiOC") same chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 09:59
S83	7659	((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 10:02

S84	4086	((257/640,642,649,651) or (438/761,763,778,780,781,783,786,791,793,794)).CCLS.	USPAT; USOCR	OR	OFF	2006/02/13 10:02
S85	117	S84 and ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) with carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 10:03
S86	2079	S84 and insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon)	US-PGPUB; USPAT	OR	ON	2006/02/13 10:06
S87	188	S86 and chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 11:02
S88	1948	S84 and insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon) near15 chlorine	US-PGPUB; USPAT	OR	ON	2006/02/13 10:07

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L1	711	((257/649) or (438/783)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB	OR	OFF	2006/02/13 11:47
L2	157	1 and (insulating film with ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon) near15 chlorine). clm.	US-PGPUB; USPAT	OR	ON	2006/02/13 11:52
L3	157	1 and (insulating film near ((SiN or (silicon adj nitride) or ("si.sub.3N.sub.4")) near carbon) near15 chlorine). clm.	US-PGPUB; USPAT	OR	ON	2006/02/13 11:52